

Title (en)
SPECTROMETER

Title (de)
SPEKTROMETER

Title (fr)
SPECTROMETRE

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Abstract (en)
[origin: WO9801729A1] A spectrometer (20) is formed from two supports (10, 30). A first of the supports (10) has a diffraction grating (11) for dispersing light, source locating means (12) for locating a source of said light, and detector locating means (13) for locating a detector of said dispersed light. The other support is a mirror support (30) having a body and at least two reflective surfaces (31, 32) integrally formed with the body of the support (30). In preferred embodiments, one of the reflective surfaces may be divided into segments (32, 32'; 33). The spectrometer (20) can be cheaply mass-produced. In aspects of the invention, the distances between the source, detector and dispersive means are accurately fixed during manufacture in a simple and inexpensive manner.

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